

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6731799"	DERWENT	OR	OFF	2010/05/13 11:41
L2	1	"20030053661"	DERWENT	OR	OFF	2010/05/13 11:43
L3	1	"5838365"	DERWENT	OR	OFF	2010/05/13 11:44
L4	1	"7,024,040"	DERWENT	OR	OFF	2010/05/13 11:46
L5	1	"7024040"	DERWENT	OR	OFF	2010/05/13 11:47
L6	1	"20030156203"	DERWENT	OR	OFF	2010/05/13 11:47
L10	121990	(track\$5 with (object or point))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/05/13 12:19
L11	351978	((loss with track) or inestimable or estimable or correlation)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/05/13 12:19
L12	22600	(motion near2 vector)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/05/13 12:20
L13	725	10 and 11 and 12	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/05/13 12:20
L14	1	13 and ((variable or value) with ( variation or change) with (accurac\$3 or error) with (motion near2 vector))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/05/13 12:21
L15	34	((variable or value) with ( variation or change) with (accurac\$3 or error) with (motion near2 vector))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/05/13 12:22
L16	1	15 and (track\$5 with ( object or point))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/05/13 12:22
S2	19223	((382/100,103,107,164,165,168,170-172,173,181,199,203,215,254,266) or (348/169-172,152-155,143)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 09:29
S3	1	(10/585255).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 09:30
S8	95894	MPEG	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 13:32
S9	4813	382/103	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 13:32
S10	413	S9 and mpeg	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 13:32

S11	19972	((382/100,103,107,164,165,168,170-172,173,181,199,203,215,254,266) or (348/169-172,152-155,143,403,1,404,1,407,1,409,1,410,1,411,1,412,1,413,1,414,1,415,1,416,1,417,1,418,1,420,1,421,1,422,1,)), CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 13:38
S12	106	S11 and (scene near1 change near1 detection)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 14:08
S13	922	S11 and (template near1 matching)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 14:08
S14	950	S11 and (motion near1 estimation)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 14:09
S15	205	S11 and (background near1 motion)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 14:09
S16	2	S12 and S13 and S14 and S15	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/17 14:09
S17	29	("20010048753"   "5034986"   "5680471"   "5691769"   "5717463"   "5748775"   "5764283"   "5854856"   "5999651"   "6400831"   "6480615"   "6553150").PN. OR ("6731799").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 14:11
S18	0	S11 and (point with tracking with frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 14:16
S19	126	S11 and (point with tracking with frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 14:16
S20	3	2001-043382	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/23 14:24
S21	0	JP2001-043382	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/09/23 14:25
S22	20006	((382/100,103,107,164,165,168,170-172,173,181,199,203,215,254,266) or (348/169-172,152-155,143,403,1,404,1,407,1,409,1,410,1,411,1,412,1,413,1,414,1,415,1,416,1,417,1,418,1,420,1,421,1,422,1,)), CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:27
S23	126	S22 and (point with tracking with frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:27
S24	50	S23 and (position same (estimation or estimate))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:27
S25	138	S22 and (point near1 tracking)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:29
S26	9	S25 and (position near1 estimation)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:30
S27	18	("4868871"   "5243418").PN. OR ("5867584").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:32
S28	1	S26 and estimable	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:34
S29	1	S25 and estimable	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 14:34

S30	7	S24 and blur	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 15:19
S31	1	"7209574"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 15:28
S32	104	"4817176"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/14 15:45
S33	1	("4817176").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 15:45
S34	1	("3846752").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 15:46
S35	20214	((382/100,103,107,164,165,168,170-172,173,181,199,203,215,254,266) or (348/169-172,152-155,143,403,1,404,1,407,1,409,1,410,1,411,1,412,1,413,1,414,1,415,1,416,1,417,1,418,1,420,1,421,1,422,1,)), CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:36
S36	215	S35 and (eye near1 track\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:36
S37	6	S36 and (scene near1 change)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:37
S38	10	S36 and (point near1 track\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:38
S39	270	S35 and (point near1 track\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:38
S40	6	S39 and (scene near1 change)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:39
S41	2588	(382/103).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:40
S42	121	S41 and ((estim\$3 with position) SAME point)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/14 17:40
S43	75	S41 and ((estim\$3 with position) WITH point)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/14 17:41
S44	17	S43 and (tracking near1 point)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/14 17:42
S45	1	10/585255	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 17:57
S46	15	09/323501	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:30
S48	1	(background near1 motion) and (motion near1 vector) and (tracking near1 point) and (blur\$5) and (moving near1 object) and (moving near4 (camera or image)) and ((scene near1 change) or occlusion) and (motion near1 compensation)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:36
S49	41	(tracking near1 point) (moving near4 (camera or image)) ((scene near1 change) or occlusion)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/10/15 08:37

S50	2590	{382/103}.CQLS.	{US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 08:40
S51	355	S50 and ((scene near1 change) or occlusion)	{US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 08:40
S52	355	S50 and ((scene near1 change) or occlusion)	{US-PGPUB; USPAT	OR	OFF	2009/10/15 08:40
S53	19	S52 and (tracking near1 point)	{US-PGPUB; USPAT	OR	OFF	2009/10/15 08:41
S54	14	S53 and accuracy	{US-PGPUB; USPAT	OR	OFF	2009/10/15 08:42
S55	5	S53 and (accuracy same position)	{US-PGPUB; USPAT	OR	OFF	2009/10/15 08:42
S56	2	"20040136567"	{US-PGPUB; USPAT	OR	OFF	2009/10/15 08:46
S57	1	("6,252,974").PNL	{US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 09:27
S59	1	("6,263,089").PNL	{US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 09:27
S62	1	("20040120548").PNL	{US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 09:28
S63	1	("20030197779").PNL	{US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 09:28
S64	1	("20040219980").PNL	{US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/15 09:28
S65	64939	Nakagawa	{US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:29
S66	276	Nakagawa and Masaaki	{US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:30
S67	2	S66 and Handy	{US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:30
S68	864	((TETSUJIRO) near2 (KONDO)).INV.	{US-PGPUB; USPAT	OR	OFF	2009/10/15 11:31
S69	864	((TETSUJIRO) near2 (KONDO)).INV.	{US-PGPUB; USPAT	OR	OFF	2009/10/15 11:31
S70	214	((TSUTOMU) near2 (WATANABE)).INV.	{US-PGPUB; USPAT	OR	OFF	2009/10/15 11:31
S71	13	((TOMOYUKI) near2 (OHTSUKI)).INV.	{US-PGPUB; USPAT	OR	OFF	2009/10/15 11:31
S72	27	((HITOSHI) near2 (MUKAI)).INV.	{US-PGPUB; USPAT	OR	OFF	2009/10/15 11:31
S73	27	((HITOSHI) near2 (MUKAI)).INV.	{US-PGPUB; USPAT	OR	OFF	2009/10/15 11:31
S74	74	((NOBUYUKI) near2 (YAMAGUCHI)).INV.	{US-PGPUB; USPAT	OR	OFF	2009/10/15 11:31

S75	7	((Masaaki ) near2 (Nakagawa )).INV.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:32
S76	173	handy near1 camera	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:41
S77	3	S76 and (tracking)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:41
S78	151	(tracking) and (motion near1 vector) and (varia\$5 same pixel) and (accuracy same motion)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:47
S79	4	S78 and (point near1 track\$4)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/15 11:51
S80	2590	(382/103).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 10:08
S81	547	S80 and (estimati\$5 WITH position)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 10:09
S82	78	S81 and (motion near1 vector)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 10:12
S83	7	S81 and ( accuracy WITH (motion near1 vector))	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 10:14
S84	118	((Masaaki ) near2 (Nakagawa )).INV.	JPO; DERWENT	OR	OFF	2009/10/19 10:30
S85	2	S84 and (camera)	JPO; DERWENT	OR	OFF	2009/10/19 10:30
S86	2590	(382/103).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 14:50
S87	57	S86 and (motion with correction)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:50
S88	11	S86 and (motion near1 correction)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:50
S89	19799	motion near1 vector	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:55
S90	2253	S89 and (moving near1 (object or target))	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:55
S91	140	"17" and (correcting near3 image)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:56
S92	68	"17" and (correct\$4 with blur\$5)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:57
S93	91	S90 and (correct\$4 with blur\$5)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:58

S94	152	S90 and (correcting near3 image)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 14:58
S95	19799	motion near1 vector	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:29
S96	2253	S95 and (moving near1 (object or target))	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:29
S97	5	S96 and ( blur near estimat\$5)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:29
S98	6	S96 and ( blur near2 estimat\$5)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:35
S99	1	S98 not S97	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:35
SI00	44	S96 and ( blur with estimat\$5)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:37
SI01	38	SI00 not (S98)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:37
SI03	315	(US-20050244081-\$ or US-20030213892-\$ or US-20060133641-\$ or US-20060182311-\$ or US-20070009050-\$ or US-20060007327-\$ or US-20030103648-\$ or US-20060002630-\$ or US-20060072014-\$ or US-20020154820-\$ or US-20050249426-\$ or US-20050053300-\$ or US-20060251330-\$ or US-20050249391-\$ or US-20050152453-\$ or US-20040027454-\$ or US-20030202594-\$ or US-20020176624-\$ or US-20050233284-\$ or US-20070008279-\$ or US-20060092280-\$ or US-20060074292-\$ or US-20050213793-\$ or US-20070053431-\$ or US-20050128291-\$ or US-20040091046-\$). did. or (US-20030025794-\$ or US-20020191841-\$ or US-20060078162-\$ or US-20040081335-\$ or US-20040005084-\$ or US-20050094852-\$ or US-20050196017-\$ or US-20050004759-\$ or US-20050117033-\$ or US-20040257444-\$ or US-20060188169-\$ or US-20040061774-\$ or US-20060045185-\$ or US-20050190975-\$ or US-20030035583-\$ or US-20020191846-\$ or US-20060023914-\$ or US-20030235338-\$ or US-20050041842-\$ or US-20060083440-\$ or US-20030016884-\$ or US-20020061131-\$ or US-20040008269-\$ or US-20040136567-\$ or US-20040071367-\$ or US-20020196853-\$ or US-20050232514-\$). did. or (US-20020159651-\$ or US-20050163343-\$ or US-20050031167-\$ or US-20040201706-\$). did. or (US-7215831-\$ or US-7119837-\$ or US-6466624-\$ or US-6466618-\$ or US-5557684-\$ or US-5999662-\$ or US-5907626-\$ or US-6535650-\$ or US-6473536-\$ or US-6097854-\$ or US-5280530-\$ or US-5262856-\$ or US-4783833-\$ or US-6687386-\$ or US-6078701-\$ or US-5465119-\$ or US-5390133-\$ or US-6278466-\$ or US-6268864-\$ or US-6081278-\$ or US-5850352-\$ or US-5680487-\$ or US-5500904-\$ or US-5285273-\$ or US-6298170-\$ or US-6185314-\$). did. or (US-6035067-\$ or US-5838365-\$ or US-5510830-\$ or US-4272783-\$ or US-3955046-\$ or US-6760061-\$ or US-5912980-\$ or US-5748775-\$ or US-5892855-\$ or US-4969036-\$ or US-6643387-\$ or US-7095786-\$ or US-6487312-\$ or US-6473460-\$ or US-6462791-\$ or US-6159152-\$ or US-5680514-\$ or US-6771306-\$ or US-6226401-\$ or US-5602760-\$ or US-5430806-\$ or US-5196688-\$ or US-5147088-\$ or US-4404890-\$ or US-4386848-\$ or US-4155096-\$ or US-3923273-\$). did. or (US-3889396-\$ or US-3772516-\$ or US-3641257-\$ or US-5465115-\$ or US-6940998-\$ or US-6496598-\$ or US-4890160-\$ or US-6404901-\$ or US-6298143-\$ or US-5930378-\$ or US-5699443-\$ or US-5157732-\$ or US-6931146-\$ or US-6891570-\$ or US-6678395-\$ or US-5883969-\$ or US-5644386-\$ or US-5627586-\$ or US-5557323-\$ or US-7035434-\$ or US-6953924-\$ or US-5317685-\$ or US-5109435-\$ or US-5034986-\$ or US-5012522-\$ or US-4870692-\$ or US-6072525-\$). did. or (US-5991428-\$ or US-5107293-\$ or US-5555555-\$ or US-5541655-\$ or US-5526044-\$ or US-5386264-\$ or US-5062586-\$ or US-4906940-\$ or US-4121246-\$ or US-3769456-\$ or US-6091853-\$ or US-4862267-\$ or US-6340994-\$ or US-6205259-\$ or US-5930405-\$ or US-5828793-\$ or US-4898341-\$ or US-6724915-\$ or US-5748761-\$ or US-5689306-\$ or US-5694487-\$). did. or (US-3218637-\$). did. or (DE-3782511-\$). did. or (EP-475648-\$ or WO-9524096-\$ or US-20060036947-\$ or US-20020140813-\$). did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/19 17:45
SI04	0	2001/097510	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 08:29
SI05	3	"2001097510"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 08:29
SI06	4	2003/0122967	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 08:33
SI07	3	"20030122967"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 08:33

S108	30	Gaussian same (blur WITH estimation)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 08:57
S109	7	Gaussian same (blur WITH estimation)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 08:58
S110	19822	motion near1 vector	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 09:00
S111	2256	S110 and (moving near1 (object or target))	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 09:00
S112	44	S111 and ( blur with estimat\$5)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 09:00
S113	3	S112 and ((correct\$5 or enhanc\$5) NEAR2 area)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 09:00
S114	19	"6318635"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/10/20 09:15
S115	1	("6318635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/20 09:15

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	3027	track\$5 with (object or point)	UPAD	OR	OFF	2010/05/13 12:13
L8	441	I7 and ((loss with track) or inestimable or estimable or correlation)	UPAD	OR	OFF	2010/05/13 12:14
L9	14	I8 and (motion near2 vector)	UPAD	OR	OFF	2010/05/13 12:14

5/ 13/ 2010 12:22:40 PM  
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